

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	("7610677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/28 13:25
S1	2	"US 20060138697"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/12/04 12:04
S2	51	((CHRISTIAN) near2 (LORENZ)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 12:13
S3	43	((CHRISTIAN) near2 (LORENZ)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/04 12:13
S4	4	((WOLFRAM) near2 (HASERT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 12:13
S5	5	((WOLFRAM) near2 (HASERT)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/04 12:14
S6	49	((JOHANNES) near2 (MEIWES)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 12:14
S7	57	((JOHANNES) near2 (MEIWES)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/04 12:14
S8	2	((WOLF-INGO) near2 (RATZEL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 12:14
S9	6	((WOLF-INGO) near2 (RATZEL)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/04 12:14
S10	1	((JOCHEN) near2 (KAESSER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 12:15
S11	3	((JOCHEN) near2 (KAESSER)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/04 12:15
S12	8	((ROLAND) near2 (SCHREIBER)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 12:15
S13	19	((ROLAND) near2 (SCHREIBER)).INV.	EPO; JPO; DERWENT	OR	ON	2008/12/04 12:15
S14	14094	(robert near2 bosch).as.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 13:15
S15	80178	(robert near2 bosch).as.	EPO; JPO; DERWENT	OR	ON	2008/12/04 13:15
S16	54	S14 and (throttle near2 valve) and (injection with mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 13:16
S17	13	S15 and (throttle near2 valve) and (injection with mold\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/12/04 13:16

S18	7	((("3960177") or ("4414170") or ("4702156") or ("5304336") or ("5340357") or ("5421718") or ("20030024576")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 13:23
S19	0	S18 and amorphous	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 13:48
S20	24	(throttle near2 valve) and (injection near2 mold\$3) and (amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 13:49
S21	1	(throttle near2 valve) and (injection near2 mold\$3) and (amorphous)	EPO; JPO; DERWENT	OR	ON	2008/12/04 13:51
S22	0	(valve near2 (flap butterfly)) and (injection near2 mold\$3) and (amorphous)	EPO; JPO; DERWENT	OR	ON	2008/12/04 13:51
S23	63	(valve near2 (flap butterfly)) and (injection near2 mold\$3) and (amorphous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 13:51
S24	1	WO-0248586-\$.did.	DERWENT	OR	ON	2008/12/04 13:56
S25	11	("3843088"   "4999142").PN. OR ("5421718").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 14:34
S26	32	("3675888"   "3771764"   "3901964"   "3907959"   "4038358"   "4180542"   "4430285"   "4604254"   "4702156"   "4790973"   "5084223"   "5104606").PN. OR ("5304336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 14:35
S27	512	(throttle near2 valve) and bushing and injection	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 14:45
S28	670	(throttle near2 valve) and bushing and (injection ner2 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 14:45
S29	52	(throttle near2 valve) and bushing and (injection near2 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 14:45
S30	18	("2586927"   "3318567"   "3537164"   "3750698"   "3804366"   "4038734"   "4243203"   "4786031"   "5177866"   "5275375"   "5503544"   "5531248"   "5666988"   "6354267"   "6598854").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 14:48
S31	1	("20080223450").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 14:51
S32	7	S14 and (throttle near2 valve) and (injection with mold\$3) and bush\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 15:54

S33	13	("3940108"   "4604254"   "4740347"   "4774750"   "5223202"   "5304336"   "5409654"   "5672818"   "6288534"   "6400141"   "6451238"   "6581569"   "6622698").PN. OR ("6986860").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:36
S34	358	(264/264).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 16:51
S35	63	S34 and (injection with mold \$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:52
S36	6	S35 and lubricant	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:54
S37	3	S34 and (two near2 (step stage) near2 injection)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:55
S38	1325	(two near2 (step stage) near2 injection)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:58
S39	104	S38 and lubricant	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:59
S40	35	S39 and amorphous	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 16:59
S41	1	("3947367").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 17:01
S42	530	(264/242).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 17:02
S43	78	S42 and (valve throttle butterfly flap)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 17:02
S44	51	S42 and lubricant	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 17:03
S45	19	(injection near2 mold\$3) with (parting near2 agent)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 17:08
S46	1	("6630085").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/04 17:13
S47	1089	((two multi) near2 component) near2 injection with mold\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 17:18
S48	208	S47 and melting	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 17:18
S49	64	S48 and (amorphous crystalline)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/04 17:18
S50	87	(throttle near2 valve) and (injection near2 mold\$3)	EPO; JPO; DERWENT	OR	ON	2009/01/26 15:44
S51	9	(overmold\$3 ((two\$1shot) with mold\$3)) and ((laminat \$4 bond\$3) with (temperature))	EPO; JPO; DERWENT	OR	ON	2009/01/26 16:24
S52	606	(overmold\$3 ((two\$1shot) with mold\$3)) and ((laminat \$4 bond\$3) with (temperature))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:34

S53	0	(overmold\$3 ((two\$1shot) with mold\$3)) and ((laminat \$4 bond\$3) with (temperature) with lubricant)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:34
S54	21	(overmold\$3 ((two\$1shot) with mold\$3)) and ((laminat \$4 bond\$3) with lubricant)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:34
S55	14	(overmold\$3 ((two\$1shot) with mold\$3)) and ((laminat \$4 bond\$3) with (temperature) with prevent)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:35
S56	1206	(overmold\$3).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:37
S57	0	(overmold\$3).ab. and (mlet with temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:37
S58	57	(overmold\$3).ab. and (melt with temperature)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 16:37
S59	8113	(integrally with molded with resin)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 17:01
S60	397	(integrally with molded with resin with bond\$7)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 17:01
S61	1	("5693271").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/26 17:03
S62	1	("6119887").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/26 17:07
S63	23	("2931066"   "3301164"   "3756138"   "3785217"   "3828406"   "3978189"   "4060024").PN. OR ("4414170").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/26 17:28
S64	101	(throttle near2 valve) with (injection near2 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 17:14
S65	14	("20060272615"   "20070012288"   "5304336"   "6408817"   "6488871"   "6701892"   "6903148"   "7069902"   "7089663"   "7093581"   "7107678"   "7107679"   "7107683"   "7152581").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 17:21
S66	32	("3675888"   "3771764"   "3901964"   "3907959"   "4038358"   "4180542"   "4430285"   "4604254"   "4702156"   "4790973"   "5084223"   "5104606").PN. OR ("5304336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/27 17:23
S67	819	(throttle near2 valve) and (injection near2 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 13:26
S68	153788	("264").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 13:27

S69	76	S68 and S67	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 13:27
S70	17	("20020163106"   "20050022365"   "20050022781"   "20050022786"   "20050022787"   "20050097743"   "20050097745"   "20050120556"   "3675888"   "4995445"   "5304336"   "5421718"   "5794591"   "6138988"   "6451238"   "6649111"   "6764062").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 13:32
S71	1	("5153052").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 13:39
S72	1	("5304336").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 13:52
S73	32	("3675888"   "3771764"   "3901964"   "3907959"   "4038358"   "4180542"   "4430285"   "4604254"   "4702156"   "4790973"   "5084223"   "5104606").PN. OR ("5304336").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 13:52
S74	31	("2774117"   "3426110"   "3498001"   "3660941"   "3827183"   "3962827"   "3979872"   "4072548"   "4078334"   "4084347"   "4123307"   "4284673"   "4419307"   "4478005"   "4483102"   "4570384"   "4686806"   "4765935"   "4956135"   "4965030"   "5327682"   "5380183").PN. OR ("5693271").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 20:12
S75	9	(remov\$3 with release near3 coat\$3 with (thermal heat heating burn\$3 degrad\$3)) and (injection near3 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 20:20
S76	360	(264/264).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/13 20:25
S77	4	S76 and (valve).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 20:25
S78	14	("3094376"   "3202749"   "3807692"   "4180542"   "4257575").PN. OR ("4430285").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/13 20:27
S79	153788	("264").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:52

S80	359	S79 and ((bush bushing bearing) with (shaft axle rod) and (valve) and (injection near2 mold\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/14 17:52
S81	49	S79 and ((bush bushing bearing) with (shaft axle rod) and (valve).ab. and (injection near2 mold\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/14 17:52
S82	1	("20030024576").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:56
S83	13	(overmold\$3 two\$1shot (two near2 shot)) and (injection near3 mold\$3) and (coating with prevent\$3 with bond\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/14 18:10
S84	1770	(264/259).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 18:22
S85	1665	(264/328.8,328.12).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 18:23
S86	760	(S84 S85) and valve	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/14 18:25
S87	213	S86 and (release lubricant)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/14 18:25
S88	27	(S84 S85) and ((butterfly throttle) near2 valve)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/14 18:26
S89	1	("20030024576").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 19:17
S90	0	("7610677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 17:56
S91	0	("7610676").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 17:57
S92	3	((("5340357") or ("4702456") or ("4414170"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 17:59
S93	10	("4103601"   "4414170"   "4546695").PN. OR ("5340357").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 18:04
S94	0	ep-0482272-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/10/27 18:14
S95	0	EP-0482272-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/10/27 18:15
S96	4	((("6491020") or ("6923157") or ("4740347") or ("20060138697"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 18:25
S97	27	("3271845"   "3540314"   "3603341"   "3642247"   "3675888"   "3754317"   "3771764"   "3940108"   "4038358"   "4200514"   "4213932"   "4223430").PN. OR ("4740347").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 18:35

S98	5	S97 and bushing	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 18:38
S99	34	("3271845").URPN.	USPAT	OR	ON	2009/10/27 18:46
S100	5	S99 and bushing	USPAT	OR	ON	2009/10/27 18:46
S101	3	(throttle near3 valve) and (bushing with insert) and (injection near3 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 19:16
S102	192	(valve) and (bushing with insert) and (injection near3 mold\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 19:19
S103	22	(valve) and (bushing with insert) and (injection near3 mold\$3) and ((flap butterfly disc) with valve)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 19:20
S104	1	("7172409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 19:24
S105	1769	(karlsson).inv.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 19:25
S106	3	S105 and (valve with butterfly)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/27 19:26
S107	0	(valve) and (bushing with insert) and (injection near3 mold\$3) and ((flap butterfly disc) with valve)	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:26
S108	4	(valve) and (bushing) and (injection near3 mold\$3) and ((flap butterfly disc) with valve)	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:27
S109	96	(injection near3 mold\$3) and (throttle near3 valve)	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:27
S110	0	(injection near3 mold\$3) and (throtle near3 valve)	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:27
S111	0	(injection near3 mold\$3) and (throttle near3 valve) and bushing	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:28
S112	9	(injection near3 mold\$3) and (throttle near3 valve) and insert	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:28
S113	4	((Christof) near3 (mangold)). inv.	EPO; JPO; DERWENT	OR	ON	2009/10/27 19:36
S114	2	((Christof) near3 (mangold)). inv.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/27 19:36
S115	7	((BUEHL) near3 (HEINZ)). inv.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/27 19:37
S116	13	((klaus) near3 (gessner)). inv.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/27 19:38

S117	2	((dirk) near3 (traichel)).inv.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/27 19:38
S118	80	((werner) near3 (wagner)). inv.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/27 19:39
S119	43	((klotz) near3 (arthur)).inv.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/10/27 19:41
S120	1	EP-1447603-\$.did.	DERWENT	OR	ON	2009/10/27 19:43
S121	1	DE-10305673-\$.did.	DERWENT	OR	ON	2009/10/27 19:44
S122	1	DE-10305673-\$.did.	EPO; DERWENT	OR	ON	2009/10/27 19:44
S123	1	DE-10305673-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/10/27 19:44
S124	0	EP-0482272-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/10/27 20:01
S125	2	EP-482272-\$.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2009/10/27 20:02
S126	1	("6451238").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/27 20:02
S127	2	FR-2687601-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/10/27 20:04

**EAST Search History (I nterference)**

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